EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(database or db or dbms or rdbms) same (recover\$3 or restor\$3) same (self-tun\$3) same thread	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:07
S2	2 [.]	(database or db or dbms or rdbms) same (recover\$3 or restor\$3) same (self-tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:08
S3	4	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3) same (performance or throughput)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:09
S4	17	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/09/04 16:10
S5	7	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:12
S6	1	(recover\$3 or restor\$3) with (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:13
S7	8	(recover\$3 or restor\$3) same (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON.	2007/09/04 16:15

EAST Search History

S8	15	self-tun\$3 with thread	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:15
S9	0	(database or db or dbms) same (thread\$2 with sleep with spawn\$2) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:32
S10	564	(database or db or dbms) same (thread\$2) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/09/07 10:33
S11	180	(database or db or dbms) same (thread\$2) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:33
S12	39	(database or db or dbms) and (thread\$2) with (spawn\$3 or start\$3) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/09/07 10:37
S13	187	(thread\$2) with (paus\$3 or suspend\$3) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38
S14	244	(thread\$2) with (paus\$3 or suspend\$3 or sleep) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38

EAST Search History

S15	162	(thread\$2) near4 (paus\$3 or suspend\$3 or sleep) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/09/07 10:38
S16	27	(thread\$2) near4 (paus\$3 or suspend\$3 or sleep) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38
S17	454	performance with degrade and "707". clas.	USPAT	OR	ON	2007/09/10 10:42
S18	261	performance near degrade and "707". clas.	USPAT	OR	ON	2007/09/10 10:42
S19	3	"i/o" with performance near degrade and "707".clas.	USPAT	OR	ON	2007/09/10 10:43



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H Garcia-Molin...

R Buyya

L Barroso

K Gharachorloo

J Lo

A recovery algorithm for a high-performance memory-resident database system - all 7

versions »

TJ Lehman, MJ Carey - Proceedings of the 1987 ACM SIGMOD international conference ..., 1987 - portal.acm.org

... the total number of partrtrons m the database and the ... wnte has suc- cessfully Amshed)

The recovery CPU can ... rt IS probably running a smgle thread of execution ...

Cited by 67 - Related Articles - Web Search - Library Search

An analysis of database workload performance on simultaneous multithreaded

processors - all 19 versions »

JL Lo, LA Barroso, SJ Eggers, K Gharachorloo, HM ... - ACM SIGARCH Computer Architecture News, 1998 - doi.ieeecomputersociety.org

... patterns, and the amount of inter-thread sharing ... Shared Global Area (SGA) contains the database buffer cache ... data updates and guiding crash recovery), and other ...

Cited by 147 - Related Articles - Web Search - BL Direct

Main memory database systems: an overview - all 7 versions »

H Garcia-Molina, K Salem - Knowledge and Data Engineering, IEEE Transactions on, 1992 - ieeexplore.ieee.org

... would improve further (no crash **recovery** code at ... have a backup copy of the **database**, probably on ... of backups can decrease, and the **performance** implications of ... Cited by 208 - Related Articles - Web Search - BL Direct

DB2 Universal Database Performance Tuning - all 3 versions »

KB Schiefer, G Valentin - Data Engineering Bulletin, 1999 - lib.nau.edu.ua ... itself [CHAM76], (see [DB299d]) DB2Universal **Database** benefits from ... vanced locking, logging and **recovery** mechanisms, all designed with a common **thread** of high ... Cited by 31 - Related Articles - View as HTML - Web Search

Selecting and implementing an embedded database system - all 6 versions »

MA Olson - Computer, 2000 - ieeexplore.ieee.org

... In that case, the **recovery** system must be callable ... mon causes for poor **performance** in **database** appli- cations are two or more **threads** contending for ...

Cited by 37 - Related Articles - Web Search - BL Direct

<u>Joint evaluation of performance and robustness of a COTS DBMSthrough fault-injection</u> - all 7 versions »

D Costa, T Rilho, H Madeira - Dependable Systems and Networks, 2000. DSN 2000. Proceedings ..., 2000 - ieeexplore.ieee.org

... the SUT to fail quickly in order to evaluate **recovery** code **performance** ... and comparison of the **performance** and the price/**performance** in **database** systems due ...

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... management for a distributed object storage systemWAKASHI-design, implementation and performance - all 2 versions »

G Yu, K Kaneko, G Bai, A Makinouchi - Data Engineering, 1996. Proceedings of the Twelfth ... - ieeexplore.ieee.org

... Fourthly, a redo-only **recovery** method is implemented by ... effort has been made to develop **database** systems that ... Al- though **thread** facilities can be exploited for ...

Cited by 39 - Related Articles - Web Search - BL Direct

<u>Efficient Incremental Garbage Collection for Client-Server Object Database Systems</u> - all 6 versions »

L Amsaleg, M Franklin, O Gruber - Proc. of the 21th VLDB Int. Conf., Zurich, Switzerland, ..., 1995 - vldb.org ... while provid- ing opportunities for improved **performance**, also raises ... A •3 Create

A: redone step 3 into the database. ... Figure 4: Redo Failure During Recovery ...

Cited by 35 - Related Articles - View as HTML - Web Search - BL Direct

<u>Layered Analytic Performance Modelling of a Distributed Database System</u> - all 6 versions »

F Sheikh, M Woodside - Proc. 1997 International Conf. ON Distributed Computing ..., 1997 - doi.ieeecs.org ... back, and finally write a log entry for **recovery**. ... only the layered model can add **thread** limitations as ... CARAT was a two site distributed **database** system created ...

Cited by 16 - Related Articles - Web Search - BL Direct

Computerized method and system for replicating a database using log records - all 3 versions »

S Satoh, Y Takase - US Patent 5,640,561, 1997 - Google Patents

... **Recovery** pro- ... system includes a **database** stored in a data storage device ... 50 run under a single **thread** to maintain the log record at aremote location. ...

Cited by 46 - Related Articles - Web Search

Challenges in Embedded Database System Administration - all 9 versions »

M Seltzer, M Olson - Proceeding of the Embedded System Workshop, 1999 - usenix.org

... the utilities traditionally bundled with a database manager (eg, recovery,

dump/restore ... as a single large server with independent threads that perform ...

Cited by 16 - Related Articles - Web Search

Designing an XML Database Engine: API and Performance' - all 2 versions »

S Sipani, K Verma, S Chandrasekaran, X Zeng, J Zhu ... - Proceedings of the 40th Annual Southeast ACM Conference, 2002 - maxwell.cs.uga.edu

... processor) invokes a method, a new **thread** is created. ... We have also implemented a **recovery** scheme based on ... storing XML data in a relational **database**, In Rapport ...

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[воок] <u>High Performance Cluster Computing: Architectures and Systems, Volume I</u> - all 8 versions »

R Buyya - 1999 - cs.mu.oz.au

... 30 1.11.1 **Threads** 30 1.11.2 Message Passing Systems MPI and PVM 31 ... 297 11.7.2 Flow Control and Error **Recovery** 297 ... 453 18.6.4 Parallel **Database** Systems 453 Cited by 377 - Related Articles - View as HTML - Web Search - Library Search

Performance of database workloads on shared-memory systems with out-of-order

processors - all 15 versions »

P Ranganathan, K Gharachorloo, SV Adve, LA Barroso - Proceedings of the eighth international conference on ..., 1998 - portal.acm.org

Page 1. Performance of Database Workloads on Shared-Memory Systems with

Out-of-Order Processors Parthasarathy Ranganathan: Kourosh ...

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Fast-Start: quick fault recovery in oracle - all 7 versions »

T Lahiri, A Ganesh, R Weiss, A Joshi - ACM SIGMOD Record, 2001 - portal.acm.org ... the failed instance's **thread**, beginning from the **thread** checkpoint, up ... discussion of issues and techniques in **recovery** for shared-disk **database** systems ...

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Xmas: an extensible main-memory storage system for high-performance applications - all 4 versions »

JH Park, YS Kwon, KH Kim, SH Lee, BD Park, SK Cha - Proceedings of the 1998 ACM SIGMOD international conference ..., 1998 - portal.acm.org

... 5 Log Flush **Thread** ... Main Mem- ory **Database** Systems: An Overview. ... [5] Robert B. Hagmann. A Crash **Recovery** Scheme for a Memory-Resident **Database** System. ...

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Implementing crash recovery in QuickStore: a performance study - all 10 versions » SJ White, DJ DeWitt - ACM SIGMOD Record, 1995 - portal.acm.org

... client memory on the relative **performance** of the ... the number of clients accessing the **database** is varied ... the scalability of the different **recovery** algorithms. ... Cited by 23 - Related Articles - Web Search - BL Direct

Performance modeling of database and simulation protocols: design choices for query driven ... - all 4 versions »

JA Miller, ND Griffeth - Proceedings of the 24th annual symposium on Simulation, 1991 - portal.acm.org ... The use of **threads** (light- weight processes) facilitates high ... analytic models to predict the **performance** of four **database recovery** protocols described in a ... Cited by 10 - Related Articles - Web Search

<u>Prototyping DBS3, a shared-memory parallel database system</u> - all 2 versions » B Bergsten, M Couprie, P Valduriez - Parallel and Distributed Information Systems, 1991., ..., 1991 - ieeexplore.ieee.org

... the greater part of the active **database** can be ... At this layer, concurrency control and **recovery** mechanisms are ... instances may be supported by a single **thread**. ... Cited by 32 - Related Articles - Web Search

Replicating a database by the sequential application of hierarchically sorted log records - all 3 versions »

S Satoh, Y Takase - US Patent 5,530,855, 1996 - Google Patents ... Use of forward asynchronous **recovery** in distributed ... active sites and with **performance** where a ... requirements associated with **database** serialization techniques ... Cited by 33 - Related Articles - Web Search

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